

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#8/A  
9/11/02

Applicant: Andrew D. MURDIN, et al.  
Title: CHLAMYDIA ANTIGENS AND CORRESPONDING DNA  
FRAGMENTS AND USES THEREOF  
Filing Date: June 28, 2001  
Examiner: Unassigned  
Art Unit: Unassigned

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination of the above-identified application, Applicants respectfully request that the following amendment be entered into the application:

IN THE CLAIMS:

Please cancel claims 1-43 in their entirety without prejudice or disclaimer and therefore insert new claims 44-85.

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44. (New) A nucleic acid molecule comprising a nucleic acid sequence which encodes a polypeptide selected from any one of:
- (a) SEQ ID No: 2;
  - (b) an immunogenic fragment comprising at least 20 consecutive amino acids from a polypeptide of (a); and
  - (c) a polypeptide of (a) or (b) which has been modified without loss of immunogenicity, wherein said modified polypeptide is at least 80% identical in amino acid sequence to the corresponding polypeptide of (a) or (b).
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45. (New) A nucleic acid molecule comprising a nucleic acid sequence selected from any one of: